

INTERNATIONAL SEARCH REPORT

International Application No
PCT/US2004/017660

A. CLASSIFICATION OF SUBJECT MATTER					
IPC 7	C07D209/82	C07D403/12	C07D401/12	C07D417/12	A61K31/403 A61K31/4439 A61K31/428 A61K31/506 A61P31/20

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data, PAJ, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, X	DATABASE CHEMCATS CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; XP002300241 order nos 5781459 and 5781444 abstract & "chembridge screening library" 19 May 2004 (2004-05-19), CHEMBRIDGE CORPORATION, 16981 VIA TAZON, SUITE G, SAN DIEGO, CA, 92127 US	1-3, 6, 17, 26
P, X	EP 0 451 634 A (BAYER AG) 16 October 1991 (1991-10-16) the whole document	1-3, 6, 17, 26
A	-----	1-40
P, A	US 2003/232873 A1 (KOPPITZ MARCUS KARL ET AL) 18 December 2003 (2003-12-18) see definitions of Re and Rf	1-40
	-----	-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

12 October 2004

Date of mailing of the international search report

27/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl.
Fax: (+31-70) 340-3016

Authorized officer

Scruton-Evans, I

INTERNATIONAL SEARCH REPORTInternational Application No
I- /US2004/017660**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/00632 A (HOFFMANN LA ROCHE) 3 January 2002 (2002-01-03) the whole document -----	1-40

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2004/017660

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 38-40 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US2004/017660

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
EP 0451634	A 16-10-1991	AT 102618 T AU 632213 B2 AU 7425291 A CA 2039873 A1 DE 69101330 D1 DE 69101330 T2 DK 451634 T3 EP 0451634 A2 ES 2062591 T3 HU 57205 A2 IE 911186 A1 IL 97795 A JP 4234846 A NZ 237709 A PT 97280 A US 5204374 A ZA 9102609 A		15-03-1994 17-12-1992 17-10-1991 11-10-1991 14-04-1994 16-06-1994 02-05-1994 16-10-1991 16-12-1994 28-11-1991 23-10-1991 31-08-1995 24-08-1992 28-10-1992 31-01-1992 20-04-1993 29-01-1992
US 2003232873	A1 18-12-2003	DE 10164564 A1 CA 2468880 A1 WO 03051837 A2 EP 1453803 A2		26-06-2003 26-06-2003 26-06-2003 08-09-2004
WO 0200632	A 03-01-2002	AU 7058001 A CA 2411157 A1 WO 0200632 A1 EP 1299364 A1 JP 2004501904 T US 2002128262 A1		08-01-2002 03-01-2002 03-01-2002 09-04-2003 22-01-2004 12-09-2002